

M-CNX-DSL-PCI2

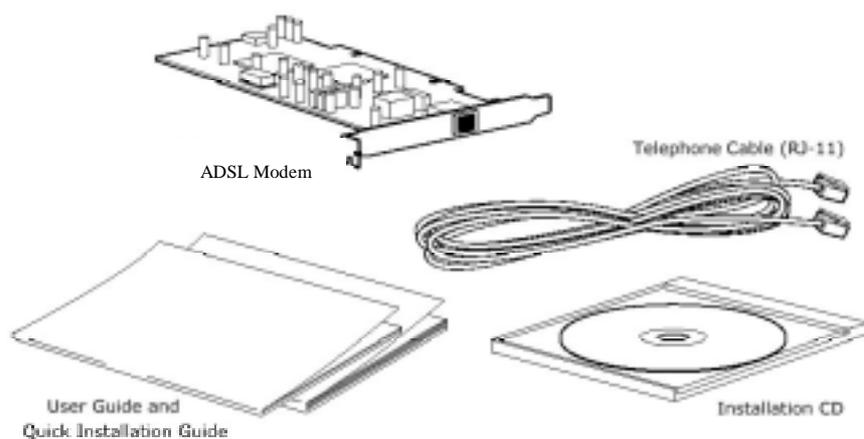
Quick Installation

Guide

① Unpacking the Box	2 PAGE
② Before Installing	3 PAGE
③ Installing the M-DNX-DSL-PCI2	4 PAGE
④ Installing Software Driver on Windows 98	5 PAGE
⑤ Installing Software Driver on Windows 2000	8 PAGE
⑥ Connecting the Network	11 PAGE

① Unpacking the Box

After the shipping carton carefully and check the contents include the following items. If any items were not delivered, please contact Medialincs or your product provider.



② Before Installing

Hardware Requirement

The following hardware and software requirements are necessary to configure and use the M-CNX-DSL-PC12:

Item	Specification
CPU	Pentium II 300MHz or compatible processor
Operating system	Window 98/98 Second Edition/2000/NT 4.0
Main memory	32MB (Recommended : 64MB)
CD-ROM drive	CD-ROM drive necessary to install the software driver
PCI slot	PCI expansion slot for the M-CNX-DSL-PC12

Necessary Information

Before installing the M-CNX-DSL-PC12, investigate and determine the following information.

- Driver software you want to install
 - LAN (1483) or WAN (PPPoA)
- **Necessary information for the LAN driver**
 - IP address
 - Subnet mask
 - Default gateway IP address
 - DNS server

NOTE

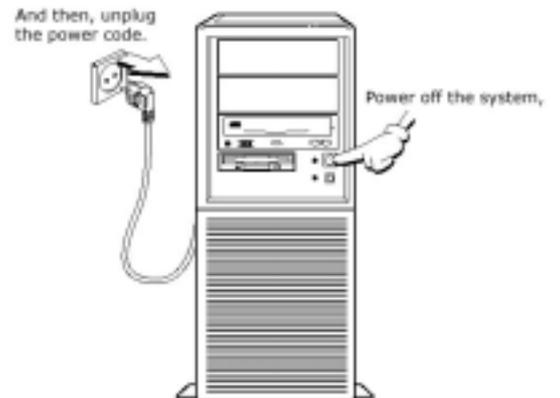
If DHCP server function is provided, the above information are unnecessary.

- **Necessary information for the WAN driver**
 - VPI, VCI value of the PPP channel
 - User ID and password
 - IP address
 - Subnet mask
 - Default gateway IP address
 - DNS server

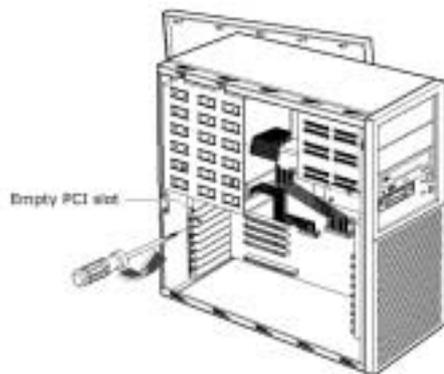
3 Installing the M-CNX-DSL-PCI2

The following procedures show how to install the M-CNX-DSL-PCI2 in the PC.

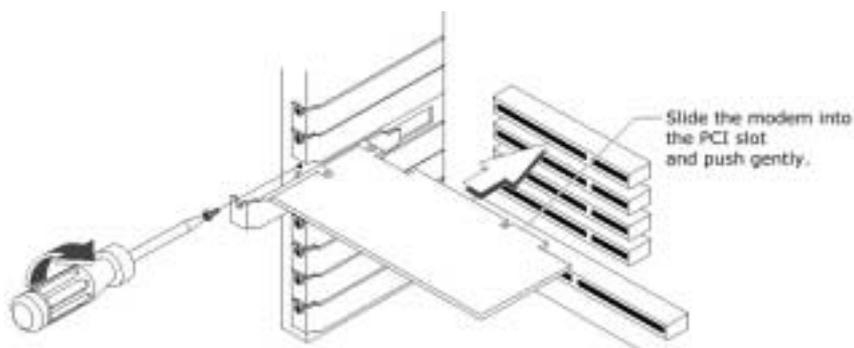
1. Power off your computer and disconnect the power cord.



2. Open your computer and find the empty PCI slot. Remove the cover of the PCI slot.



3. Slide the M-CNX-DSL-PCI2 ADSL modem into the empty PCI slot, push it gently. Using the screw loosen in step 3, fix the M-CNX-DSL-PCI2 ADSL modem.



4. Close the computer and connect the power cord. Don't press the power switch yet.

4 Installing Software Driver on Windows 98

This section describes the following procedures on a Windows 98 or Windows 98 second edition system to use the M-CNX-DSL-PCI2 ADSL modem.

- Installing the software driver
- Setting the VPI, VCI
- WAN driver : Creating a new connection profile / LAN driver : Setting the TCP/IP

Installing Software Driver

M-CNX-DSL-PCI2 ADSL modem software driver is composed of the following three device drivers.

- Basic System Device
- ATM Network Controller
- DSL Network Device

Installation procedures of each device driver are same. So, during installing the M-CNX-DSL-PCI2 ADSL modem driver, the step 3 ~ 8 in the following procedures are repeated three times.

1. Power on your computer.
2. After a while, Windows 98 detects the M-CNX-DSL-PCI2 ADSL modem and the wizard displays a message a system device was detected. Click **[Next>]** to go to the next wizard panel.
3. Two choices appear. Choose **Search to find the best driver for you device and click [Next>]** to go to the next wizard panel.
4. The wizard prompts you to specify a location to search for the driver you are installing. Click **Specify a location** and click **[Browse]** button. An then, insert the installation driver CD into the CD-ROM drive.
5. According to the software to install, select the following directory path and click **[OK]**.

Software	Directory
WAN	<CD-ROM Drive Letter>:\WAN
LAN	<CD-ROM Drive Letter>:\LAN

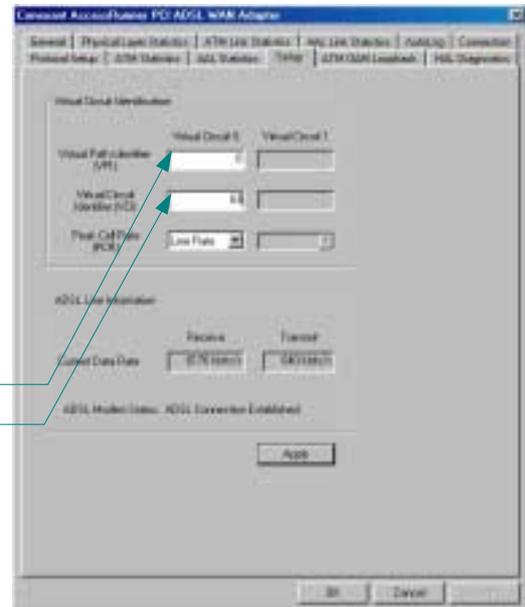
6. If the path is correct, the wizard shows a verification panel and displays the choice you made. Click **[Next>]** to go to the next panel.
7. The system finds the driver and begins to automatically copy the driver files from the CD. When the copy is complete, click **[Finish]** button.
8. After completing the driver installation wizard, the system prompts you to reboot. Click **[YES]** to reboot the system.
9. After rebooting the system, set the VPI and VCI value of the channel referring to the next section. And then, according to the installed driver, create the new connection profile(refer to the section, 'Creating a New Connection Profile : In Case of the WAN Driver') or set the TCP/IP (refer to the section 'Setting the TCP/IP : In Case of the LAN Driver').

Setting VPI and VCI

1. Click **Start → Setting → Control Panel**.
2. Double-click **Conexant AccessRu...** icon in <Control Panel> window.
3. <Conexant AccessRunner PCI ADSL WAN Adapter Properties> window appears. Press the **[Alt + P]** keys simultaneously.
4. Then, several tabs are added to the <Conexant AccessRunner PCI ADSL WAN Adapter Properties> window. Click **Setup** tab and specify the VPI and VCI values in the **Virtual Path Identifier** and **Virtual Connection Identifier** field. Click the [Apply] button and click [OK].

Enter VPI.

Enter VCI.



- Contact your ADSL server provider for the VPI and VCI.

Creating a New Connection Profile : In case of the WAN Driver

Create and save a connection profile for each dial-up session so that you do not have to re-enter the same information each time you connect to your corporate LAN or ISP.

1. Double-click **My Computer** icon. The My Computer window appears.
2. Double-click the **Dial-Up Networking** icon in <My Computer> dialog box.
3. <Dial-Up Networking> window appears. To create a new connection profile, double-click the **Make New Connection** icon.
4. The <Make a New Connection> wizard appears. Enter a name for the connection in the '**Type a name for the computer you are dialing**' field and select 'Conexant AccessRunner PCI ADSL WAN Adapter' from the 'Select a modem' drop-down menu. And then, click **[Next>]**.



5. The window for specifying the phone number appears. Enter any number in the '**Area code**' and '**Telephone number**' fields. And click **[Next>]**.

- Because 'Area code' and 'Telephone number' are not related to the ADSL modem, you can enter any values in these fields.

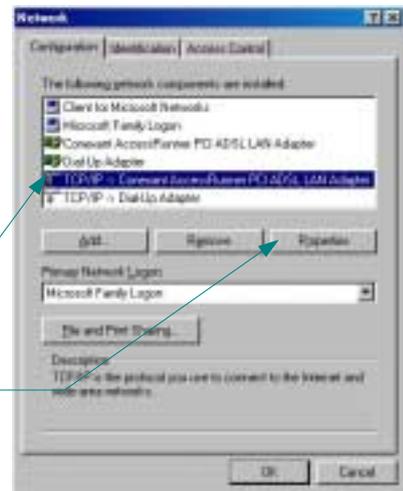
6. A message states that you have successfully created a new connection. Click **[Finish]** to save the connection profile in the Dial-Up Networking folder.
7. You can see a new connection icon under the <Dial-Up Network> window.

Setting the TCP/IP : In Case of the LAN Driver

1. Click **Start → Setting → Control Panel**.
2. In the <Control Panel> window, double-click the **Network** icon.
3. The <Network> window appears. Select '**Conexant AccessRunner PCI ADSL LAN Adapter**' and click the [Properties] button.

Select this item,

And click [Properties].



4. <TCP/IP Properties> window appears. Click the '**IP address**' tab. Click '**Specify an IP address**' and enter the IP address in the '**IP Address**' field and enter the subnet mask in the '**Subnet Mask**' field.

Click this item.

Enter an IP address and subnet mask.

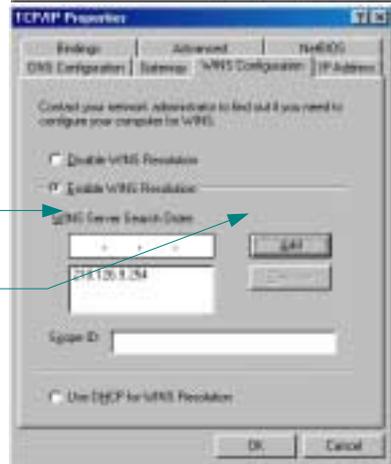
- Contact your Internet service provider (ISP) for an IP address and subnet mask.
- If the DHCP server is enabled, click 'Obtain an IP address automatically' item.



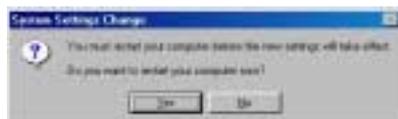
5. Click '**Gateway**' tab. Enter the IP address of the gateway in the '**New gateway**' field and click [Add] button. And then, click [OK].

Enter the IP address of the gateway,

And click [Add] button.



6. The system prompts you to reboot. Click [YES] to reboot the system.



7. After booting the system, you can connect the internet.

5 Installing Software Driver on Windows 2000

This section describes the following procedures on a Windows 2000 system to use the M-CNX-DSL-PCI2 ADSL modem.

- Installing the software driver
- Setting the VPI, VCI
- WAN driver : Creating a new connection profile / LAN driver : Setting the TCP/IP

Installing Software Driver

M-CNX-DSL-PCI2 ADSL modem software driver is composed of the following three device drivers.

- Basic System Device
- ATM Network Controller
- DSL Network Device

Installation procedures of each device driver are same. So, during installing the M-CNX-DSL-PCI2 ADSL modem driver, the step 3 ~ 8 in the following procedures are repeated three times.

1. Power on your computer.
2. After a while, Windows 2000 detects the M-CNX-DSL-PCI2 ADSL modem and the <Found New Hardware Wizard> displays a message a system device was detected. Click **[Next>]** to go to the next wizard panel.
3. Two choices appear. Choose '**Search to for a suitable driver for my device (recommended)**' and click **[Next>]** to go to the next wizard panel.
4. The wizard prompts you to specify a location to search for the driver you are installing. Click '**Specify a location**' and click **[Next>]** button. An then, insert the installation driver CD into the CD-ROM drive.
5. Click **[Browse]** and according to the software to install, select the following directory path and click **[OK]**.

Software	Directory
WAN	<CD-ROM Drive Letter>:\WAN
LAN	<CD-ROM Drive Letter>:\LAN

6. If the path is correct, the wizard shows a verification panel(Driver Files Search Results) and displays the choice you made. Click **[Next>]** to go to the next panel.
7. The system finds the driver and begins to automatically copy the driver files from the CD. When the copy is complete, click **[Finish]** button.
8. After completing the driver installation wizard, set the VPI and VCI value of the channel referring to the next section. And then, according to the installed driver, create the new connection profile(refer to the section, 'Creating a New Connection Profile : In Case of the WAN Driver') or set the TCP/IP (refer to the section 'Setting the TCP/IP : In Case of the LAN Driver').

Setting VPI and VCI

1. Click **Start** → **Setting** → **Control Panel**.

2. Double-click **Conexant AccessRu...** icon  in <Control Panel> window.

3. <Conexant AccessRunner PCI ADSL WAN Adapter Properties> window appears. Press the [Alt + P] keys simultaneously.

4. Then, several tabs are added to the <Conexant AccessRunner PCI ADSL WAN Adapter Properties> window. Click **Setup** tab and specify the VPI and VCI values in the **Virtual Path Identifier and Virtual Connection Identifier** field.

Click the **[Apply]** button and click **[OK]**.

Enter VPI.

Enter VCI.



➤ Contact your ADSL server provider for the VPI and VCI.

Creating a New Connection Profile : In case of WAN Driver

Create and save a connection profile for each dial-up session so that you do not have to re-enter the same information each time you connect to your corporate LAN or ISP.

1. Click **Start**, point to **Settings**, and then click **Network and Dial-up Connections**.

2. <Network and Dial-up Connections> window appears. To create a new connection profile, double-click the **Make New Connection** icon.

3. <Network Connection Wizard> window appears. Click **[Next>]**.

4. The wizard asks 'Network Connection Type'. Select '**Dial-up to the Internet**' and click **[Next>]**.

5. <Internet Connection Wizard > window appears. Select '**I want to set up my Internet connection manually, or I want to connect through a local area network(LAN).**' and click **[Next>]**.

6. Select '**Connecting through the telephone and modem**' and click **[Next]**.

7. The wizard asks how to connect to the Internet. Select '**I connect through a local area network (LAN)**' and click **[Next>]**.

8. The window for specifying the phone number appears. Enter any number in the '**Area code**' and '**Telephone number**' fields. And click **[Next>]**.

➤ Because 'Area code' and 'Telephone number' are not related to the ADSL modem, you can enter any values in these fields.

9. The window for specifying the Internet account logon information appears. Enter the

user name and password provided by your Internet server provider and click **[Next>]**.

10. The window for specifying the connection name for dial-up connection appears. Enter the name of the connection used for connecting the network later and click **[Next>]**.

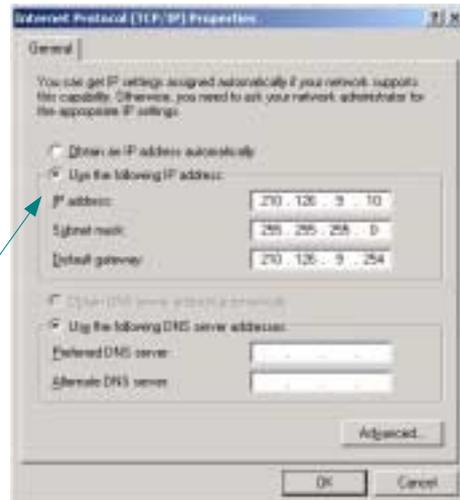
11. <Internet Connection Wizard> prompts you the completing the wizard. Click **[Finish]** button. And you can connect the Internet from now on.

Setting the TCP/IP : In Case of LAN Driver

1. Click **Start**, point to **Settings**, and then click **Network and Dial-up Connections**.
2. <Network and Dial-up Connections> window appears. Right-click the icon and click **Properties** menu.
3. <Local Area Connection Properties> window appears. Click the **Internet Protocol (TCP/IP)** in the 'Components checks are used by this connection' list and click **[Properties]** button.
4. <Internet Protocol(TCP/IP) Properties> window appears. Click '**Use the following IP address**' and enter an **IP address** and **Default gateway address** in the IP address field and Default gateway field.

Enter IP address and default gateway address

- Contact your Internet service provider (ISP) for an IP address and subnet mask.
- If the DHCP server is enabled, click 'Obtain an IP address automatically' item.



5. <Local Area Connection Properties> window appears. Click **[Close]**.

⑥ Connecting the Network

In Case of WAN Driver

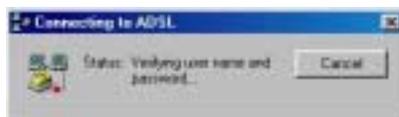
On Windows 98

1. Double-click **My Computer** icon. The My Computer window appears. Double-click the **Dial-Up Networking** icon in <My Computer> dialog box.
2. The following windows appear. Enter the user ID and the password and click [**Connect**] button.

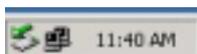


➤ Contact your Internet service provider for user ID and password.

3. While the system tries to connect the network, the following <Connecting to ADSL> window appears.



4. If you connect the network successfully, the following icon is added to the tray in the desktop.



5. If you move the mouse cursor to the icon in the tray, you can see the network speed and the number of packets received/transmitted.



On Windows 2000

1. Click **Start → Settings → Network and Dial-up Connections**.
2. The <Connect ADSL> windows appears. Enter the user name and the password and click **[Dial]** button.

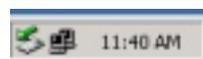


➤ Contact your Internet service provider for user ID and password.

3. While the system tries to connect the network, the following <Connecting ADSL...> window appears.



4. If you connect the network successfully, the following icon is added to the tray in the desktop.



5. If you move the mouse cursor to the icon in the tray, you can see the network speed and the number of packets received/transmitted.



In Case of LAN Driver

If you install a LAN driver, you turn on the PC installed M-CNX-DSL-PCI2. Then, you connect the network automatically.